



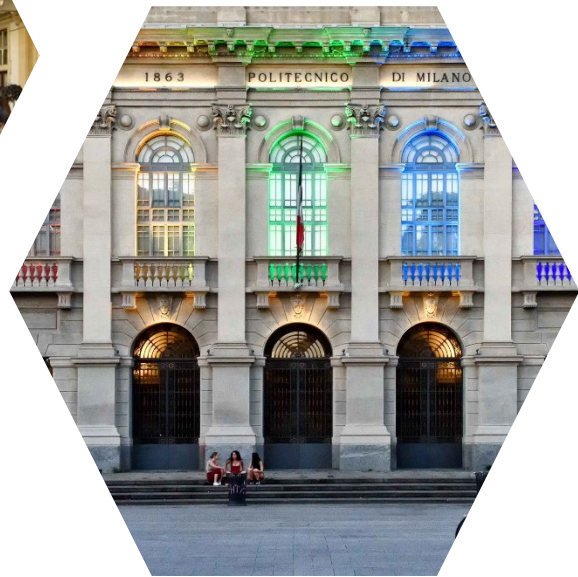
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# **EuroCD 2025**

## **8th European Cyclodextrin Conference**



## **Book of Abstracts**

9<sup>th</sup>-12<sup>th</sup> September 2025

Politecnico di Milano



**EuroCD 2025 - 8th European Cyclodextrin Conference**  
**Politecnico di Milano, 9th-12th September 2025**

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Politecnico di Milano, 9th-12th September 2025

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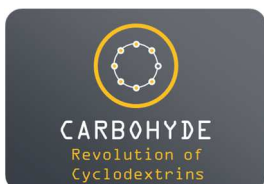
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# EuroCD 2025

Politecnico di Milano, Italy

## Detailed Day-by-day Schedule/Program

### Tuesday 9<sup>th</sup> September

11:00 - 15:30	<b>Registration</b>
15:30 - 16:00	<b>Opening</b> Isabella Nova - <i>Deputy rector</i> Marinella Levi - <i>Head of Department</i>
16:00 - 16:40	<b>PL1</b> Frank Biedermann
16:40 - 17:00	<b>KN1</b> Gjylje Hoti
17:00 - 17:20	<b>OP1</b> Marco Agnes
17:20 - 17:40	<b>OP2</b> Kasper S. Hedergaard
17:40 - 18:00	<b>OP3</b> Sébastien Rigaud
18:00 - 18:20	<b>OP4</b> Maddalena Sguizzato
18:30 - 21:00	<b>Welcome cocktail</b>

### Wednesday 10<sup>th</sup> September

8:30 - 9:00	<b>Registration</b>
9:00 - 9:40	<b>PL2</b> Andreas Bernkop-Schnürch
9:40 - 10:00	<b>OP5</b> Antonino Mazzaglia
10:00 - 10:20	<b>OP6</b> Vincent Dumouilla
10:20 - 10:40	<b>OP7</b> Noemi Bognanni
10:40 - 11:00	<b>Coffee</b>
11:00 - 11:20	<b>KN2</b> Lucio Melone
11:20 - 11:40	<b>OP8</b> Nicolas Tinet
11:40 - 12:00	<b>OP9</b> Anita Kiss
12:00 - 12:20	<b>OP10</b> Cristina Parisi
12:20 - 12:40	<b>OP11</b> Mary McNamara
12:40 - 13:00	<b>OP12</b> Daniel Ondo
13:00 - 14:10	<b>Lunch</b>
14:10 - 14:30	<b>OP13</b> Jindřich Jindřich
14:30 - 14:50	<b>OP14</b> Saverio Aliberti
14:50 - 15:10	<b>OP15</b> Milena Sorrenti
15:10 - 15:30	<b>OP16</b> Yareli Rojas-Aguirr
15:30 - 16:40	<b>Poster session + Coffee</b>
16:40 - 18:00	<b>FP</b>
18:30 - 21:00	<b>Guided tour</b>

### Thursday 11<sup>th</sup> September

9:00 - 9:40	<b>PL3</b> David H. Thompson
9:40 - 10:00	<b>OP17</b> Francesca Laneri
10:00 - 10:20	<b>OP18</b> François-Xavier Legrand
10:20 - 10:40	<b>OP19</b> Ana-Maria Resmerita
10:40 - 11:00	<b>Coffee</b>
11:00 - 11:20	<b>OP20</b> Damien Truffin, Julien Parcq
11:20 - 11:40	<b>OP21</b> Carmen Alvarez-Lorenzo
11:40 - 12:00	<b>OP22</b> Elisabetta Lacolla
12:00 - 12:20	<b>OP23</b> Sylvain Laclef
12:20 - 12:40	<b>OP24</b> Adrian Matencio
12:40 - 13:00	<b>OP25</b> Balazs Kondoros
13:00 - 14:10	<b>Lunch</b>
14:10 - 14:30	<b>KN3</b> Sophie Fourmentin
14:30 - 14:50	<b>OP26</b> Giuseppe Nocito
14:50 - 15:10	<b>OP27</b> Paolo Di Gianvincenzo
15:10 - 15:30	<b>OP28</b> Yoshinori Takashima
15:30 - 15:50	<b>OP29</b> Mariachiara Trapani
15:50 - 17:00	<b>Poster session + Coffee</b>
17:00 - 18:20	<b>FP</b>
20:30 - 23:00	<b>Social dinner</b>

### Friday 12<sup>th</sup> September

9:00 - 9:40	<b>PL4</b> Ruxandra Gref
9:40 - 10:00	<b>OP30</b> Daniel I. Hädärugä
10:00 - 10:20	<b>OP31</b> Antonella Vitiello
10:20 - 10:40	<b>OP32</b> Siddanth Saxena
10:40 - 11:00	<b>Coffee</b>
11:00 - 11:20	<b>KN4</b> Milo Malanga
11:20 - 11:40	<b>OP33</b> Michal Řezanka
11:40 - 12:00	<b>OP34</b> Askar Gatiatulin
12:00 - 12:20	<b>OP35</b> Bettina Rávai
12:20 - 12:40	<b>OP36</b> Angela Scala
12:40 - 13:15	<b>1<sup>st</sup> T. Loftsson Award</b>
13:15 - 13:30	<b>Concluding remarks</b>

PL: Plenary Lecture

OP: Oral Presentation

KN: Keynote Presentation

FP: Flash Presentation

# Poster Session

## A carboxyethyl- $\beta$ -cyclodextrin polymer and a defensin derived peptide complex with wound healing potential

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Giuseppa Augello<sup>5</sup>, Antonino Mazzaglia<sup>2</sup> and Giuseppe Pappalardo<sup>1</sup>

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Nowadays, wound management represents a major medical issue for patients with chronic and autoimmune disease due to several complications associated with pro-inflammatory milieu and bacterial accumulation [1]. Recent advances for effective wound healing consist in the fabrication of biomaterials-based dressing [2] and the therapeutic effectiveness of small peptides is being strongly emerging [3]. In this work a water soluble 6-deoxy-6-(2-carboxyethyl)thio- $\beta$ -cyclodextrin polymer crosslinked with epichlorohydrin (SuBCDPS) was synthesized to include the N-terminal fragment derived from the defensin peptide. The peptide fragment was conjugated through a PEG<sub>4</sub> bridging moiety to an adamantane scaffold (Ada-PEG<sub>4</sub>-Def) and characterized by FT-IR, CD, NMR and HPLC-mass analyses. The product showed negligible cytotoxicity up to 24 h and at 100  $\mu$ M and promising scratch repair capabilities at 50  $\mu$ M on human primary fibroblasts. Based upon the safety profile of SuBCDPS up to 100  $\mu$ M, the SuBCDPS/Ada-PEG<sub>4</sub>-Def complex was prepared and characterized by UV/Vis spectroscopy and DLS analysis (mean hydrodynamic diameter and  $\zeta$ -potential). This study is propaedeutic if future fabrication of improved medical devices for wound healing applications integrating the supramolecular adduct, are considered.

**Acknowledgements:** This work was supported by the MUR-PNRR through the NextGenerationEU program with the project SAMOTHRACE “SiciliAn MicrOnanoTech Research And innovation CEnter”.

[1] X. Deng, M. Gould, M.A. Alu, *J Biomed Mater Res.* (2022) 110, 2542-2573.

[2] M. Farahani, A. Shafiee, *Adv. Healthcare Mater.* (2021) 10, 2100477.

[3] A. Gomes, C. Teixeira, R. Ferraz, C. Prudencio, P. Gomes, *Molecules* (2017) 22(10), 1743.